Cartuccia CSR48

Cartridge CSR48

REFRIGERANT FLOW CAPACITY AND WATER CAPACITY FOR 100% MOLECULAR SIEVES SOLID CORE																										
Type	Refrigerant flow capacity Pressure drop 0,07 bar (1) [kW]											Water capacity at +24 °C (2) [g H_2O]					Dehydratable charge at +24 °C [kg refrigerant]					Water capacity at +52 °C (2) [g H_2O]					Dehydratable charge at +52 °C [kg refrigerant]				
	R134a	R22	R404A, R507	R407C	R410A	R1234ze	R448A	R449A	R450A	R452A	R513A	R134a	R22	R404A, R507	R407C	R410A	R134a	R22	R404A, R507	R407C	R410A	R134a	R22	R404A, R507	R407C	R410A	R134a	R22	R404A, R507	R407C	R410A
CSR485	84	93	60	92	94	74	80	79	66	61	69,7																			
CSR487	146	161	104	160	163	128	139	137	114	105	121																			
CSR489	197	217	142	216	219	175	188	185	156	143	164																			
CSR4811	236	260	165	258	263	204	225	222	181	167	196	87	82	89	87	87	96	91	99	97	97	74	70	76	74	74	82	77	84	83	82
CSR4813	252	275	178	273	281	220	241	237	196	180	209																			
CSR48M42	252	275	178	273	281	220	241	237	196	180	209																			
CSR4817	252	275	178	273	281	220	241	237	196	180	209																			
CSR4821	267	290	189	278	297	233	255	251	208	191	222																			
CSR967	147	163	105	162	164	130	140	138	115	106	122																			
CSR969	228	252	163	251	254	201	218	214	179	165	189																			
CSR9611	310	343	222	340	345	274	296	291	244	224	257																			
CSR9613	336	517	240	367	374	296	321	316	264	242	279	174	164	178	175	174	193	182	198	194	193	148	139	151	149	148	164	155	168	165	164
CSR96M42	336	372	240	367	374	296	321	316	264	242	279																			
CSR9617	376	416	269	413	419	332	359	353	295	272	312																			
CSR9621	398	439	286	421	444	353	380	374	314	288	331																			
CSR1449	299	332	220	332	333	263	285	281	230	215	248																			
CSR14411	358	398	256	397	399	315	342	337	275	258	297																			
CSR14413	374	414	268	412	417	329	357	352	290	269	310	261	246	267	262	261	289	273	297	291	290	221	209	227	223	222	246	232	252	248	247
CSR144M42	374	414	268	412	417	329	357	352	290	269	310																			
CSR14417	374	414	268	412	417	329	357	352	290	269	310																			
CSR19213	475	515	345	513	529	417	454	447	369	342	394																			
CSR192M42	475	515	345	513	529	417	454	447	369	342	394	347	328	356	349	348	386	364	396	388	387	295	279	303	297	296	328	310	336	330	329
CSR19217	475	515	345	513	529	417	454	447	369	342	394																			

NOTE

(1) Massima potenzialità frigorifera riferita ad una caduta di pressione totale di 0,07 bar, compresi i raccordi di entrata e di uscita (seconda norma ARI STANDARD 710 con una temperatura di condensazione di +30 °C ed una temperatura di evaporazione di -15 °C).

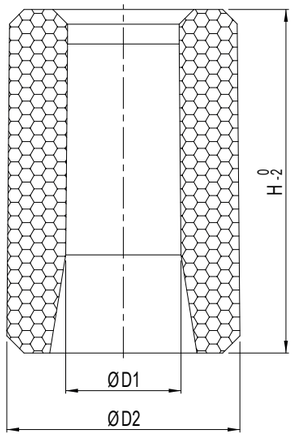
(2) La capacità disidratante si basa sui contenuti di umidità nel refrigerante, prima e dopo la disidratazione, fissati dalla norma ARI STANDARD 710 la quale assume le seguenti condizioni di riferimento:
Temperatura del liquido: +24 °C e +52 °C.
Punto di equilibrio dell'umidità residua (EPD) per R22: 60 ppm di H20.
Punto di equilibrio dell'umidità residua (EPD) per R134a, R404A, R407A, R410A, R507: 50 ppm di H20.

NOTES

(1) Maximum refrigerant flow capacities are related to a total pressure drop of 0,07 bar, inlet and outlet connections included (in accordance with ARI STANDARD 710 with condensing temperature at +30 °C and evaporating temperature at -15 °C).

(2) The dehydrating capacity is based on the humidity contest in the refrigerant, before and after drying, fixed in ARI STANDARD 710 that assumes the following reference conditions:
Liquid temperature: +24 °C and +52 °C.
Equilibrium Point Dryness (EPD) for R22: 60 ppm of H20.
Equilibrium Point Dryness (EPD) for R134a, R404A, R407A, R410A, R507: 50 ppm of H20.

CSR48
CSR100



CHARACTERISTICS OF MOLECULAR SIEVES CORES										
Type	Composition	Application	Surface [cm^2]	Nominal volume [in^3]	Nominal volume [cm^3]	Dimensions [mm] ØD1	Dimensions [mm] ØD2	Dimensions [mm] H	Weight [g]	Pieces per box
CSR48	100% Molecular sieves	Dehydrator	435	48	800	47	96	140	750	12
CSR100	100% Molecular sieves	Dehydrator	680	100	1600	53,5	121	166	1530	6

Cartuccia CSR48A

Cartridge CSR48A

REFRIGERANT FLOW CAPACITY AND WATER CAPACITY FOR 80% MOLECULAR SIEVES AND 20% ACTIVATED ALUMINA SOLID CORE																										
Type	Refrigerant flow capacity Pressure drop 0,07 bar (1) [kW]											Water capacity at +24 °C (2) [g H_2O]					Dehydratable charge at +24 °C [kg refrigerant]					Water capacity at +52 °C (2) [g H_2O]					Dehydratable charge at +52 °C [kg refrigerant]				
	R134a	R22	R404A, R507	R407C	R410A	R1234ze	R448A	R449A	R450A	R452A	R513A	R134a	R22	R404A, R507	R407C	R410A	R134a	R22	R404A, R507	R407C	R410A	R134a	R22	R404A, R507	R407C	R410A	R134a	R22	R404A, R507	R407C	R410A
CSR485	84	93	60	92	94	74	80	79	66	61	69,7																			
CSR487	146	161	104	160	163	128	139	137	114	105	121																			
CSR489	197	217	142	216	219	175	188	185	156	143	164																			
CSR4811	236	260	165	258	263	204	225	222	181	167	196	74	69	76	73	73	82	77	84	81	81	69	59	73	57	57	70	61	76	63	63
CSR4813	252	275	178	273	281	220	241	237	196	180	209																			
CSR48M42	252	275	178	273	281	220	241	237	196	180	209																			
CSR4817	252	275	178	273	281	220	241	237	196	180	209																			
CSR4821	267	290	189	278	297	233	255	251	208	191	222																			
CSR967	147	163	105	162	164	130	140	138	115	106	122																			
CSR969	228	252	163	251	254	201	218	214	179	165	189																			
CSR9611	310	343	222	340	345	274	296	291	244	224	257																			
CSR9613	336	517	240	367	374	296	321	316	264	242	279	148	138	152	146	146	164	153	169	162	162	138	118	146	114	114	140	122	152	127	127
CSR96M42	336	372	240	367	374	296	321	316	264	242	279																			
CSR9617	376	416	269	413	419	332	359	353	295	272	312																			
CSR9621	398	439	286	421	444	353	380	374	314	288	331																			
CSR1449	299	332	220	332	333	263	285	281	230	215	248																			
CSR14411	358	398	256	397	399	315	342	337	275	258	297																			
CSR14413	374	414	268	412	417	329	357	352	290	269	310	222	207	228	219	219	247	230	253	243	243	207	177	219	171	171	210	183	228	190	190
CSR144M42	374	414	268	412	417	329	357	352	290	269	310																			
CSR14417	374	414	268	412	417	329	357	352	290	269	310																			
CSR19213	475	515	345	513	529	417	454	447	369	342	394																			
CSR192M42	475	515	345	513	529	417	454	447	369	342	394	296	276	304	292	292	329	307	338	324	324	276	236	292	228	228	280	244	304	253	253
CSR19217	475	515	345	513	529	417	454	447	369	342	394																			

NOTE

(1) Massima potenzialità frigorifera riferita ad una caduta di pressione totale di 0,07 bar, compresi i raccordi di entrata e di uscita (seconda norma ARI STANDARD 710 con una temperatura di condensazione di +30 °C ed una temperatura di evaporazione di -15 °C).

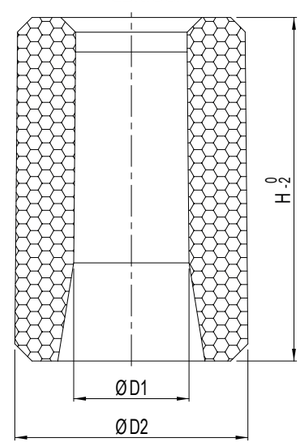
(2) La capacità disidratante si basa sui contenuti di umidità nel refrigerante, prima e dopo la disidratazione, fissati dalla norma ARI STANDARD 710 la quale assume le seguenti condizioni di riferimento:
Temperatura del liquido: +24 °C e +52 °C.
Punto di equilibrio dell'umidità residua (EPD) per R22: 60 ppm di H20.
Punto di equilibrio dell'umidità residua (EPD) per R134a, R404A, R407A, R410A, R507: 50 ppm di H20.

NOTES

(1) Maximum refrigerant flow capacities are related to a total pressure drop of 0,07 bar, inlet and outlet connections included (in accordance with ARI STANDARD 710 with condensing temperature at +30 °C and evaporating temperature at -15 °C).

(2)The dehydrating capacity is based on the humidity contest in the refrigerant, before and after drying, fixed in ARI STANDARD 710 that assumes the following reference conditions:
Liquid temperature: +24 °C and +52 °C.
Equilibrium Point Dryness (EPD) for R22: 60 ppm of H20.
Equilibrium Point Dryness (EPD) for R134a, R404A, R407A, R410A, R507: 50 ppm of H20.

CSR48A
CSR48AA
CSR100A



CHARACTERISTICS OF MOLECULAR SIEVES CORES WITH ACTIVATED ALUMINA										
Type	Composition	Application	Surface [cm^2]	Nominal volume [in^3]	Nominal volume [cm^3]	Dimensions [mm] ØD1	Dimensions [mm] ØD2	Dimensions [mm] H	Weight [g]	Pieces per box
CSR48A	80% Molecular sieves + 20% Activated alumina	Antiacid	435	48	800	47	96	140	750	12
CSR48AA	75% Molecular sieves + 20% Act. alumina + 5% Act. carbon	Burn-out								
CSR100A	80% Molecular sieves + 20% Activated alumina	Antiacid	680	100	1600	53,5	121	166	1530	6